WHAT IS CLAIMED IS:

1. A method for processing data using a graphical user interface of a computer system comprising:

arranging a plurality of nodes in a graph, wherein each node represents at least one processing step for processing data by a processor and wherein at least one of the plurality of nodes comprise at least one data retrieval node for retrieving data for validation;

establishing at least one output from substantially all of the plurality of nodes;

except for the at least one data retrieval node, establishing at least one input to each of the plurality of nodes;

configuring one or more parameters of each node;

linking at least one output of each of substantially all of the plurality of nodes to an input of another node, each link representing a data flow;

sequencing a dependency among the plurality of nodes; and

establishing processing logic in at least one node to process data in a predetermined manner.

2. The method according to claim 1, wherein the data retrieval node comprises an infile node which retrieves data from a particular data file.

3. The method according to claim 1, wherein the data retrieval node comprises a querydump node for retrieving data from a query of a particular database.

4. The method according to claim 1, wherein the data retrieval node comprises a Herefile node for placing data into a graph.

5. The method according to claim 3, wherein the querydump node includes information for identifying the database and query terms for performing a query on the database.

6. The method according to claim 5, wherein the querydump node further includes information for accessing the database.

7. The method according to claim 1, further comprising executing one or more nodes of the graph-space.

8. The method according to claim 1, further comprising executing the graph-space of the workspace according to the sequence dependency.

9. The method according to claim 8, further comprising color-coding the one or more nodes according to a status of the execution of respective node.

10. The method according to claim 9, wherein the status of the node comprises unprocessed, processing, successfully processed and failed processing indicators.

11. The method according to claim 8, further comprising displaying results of the graph-space execution.

12. The method according to claim 1, further comprising creating a composite node for the graph-space, wherein the composite node represents a grouping at least a pair of the plurality of nodes.

13. The method according to claim 1, further comprising setting one or more parameters of one or more of the plurality of nodes.

14. The method according to claim 1, wherein establishing logic comprises including one or more expressions, statements, and/or operators.

15. The method according to claim 14, wherein the statements may be selected from the group consisting of: variable related statements, output related statements, database related statements, procedural statements.

16. The method according to claim 14, wherein the operators may be selected from the group consisting of numerical operators, logical operators, comparison operators, conditional operators, null operators, string operators, date and/or time operators, and list operators.

17. A computer readable media having computer instructions for enabling a computer system to perform a method for validating data using a graphical user interface of a computer system, the method comprising:

defining one or more parameters of a graph-space;

arranging a plurality of nodes in a graph-space, wherein each node represents at least one processing step to be performed to validate data and wherein at least one of the plurality of nodes comprise at least one data retrieval node for retrieving data for validation;

establishing at least one output from each of the plurality of nodes;

except for the at least one data retrieval node, establishing at least one input from each of the plurality of nodes;

configuring one or more parameters of each node;

linking at least one output of each of substantially all of the plurality of nodes with an input of another node;

sequencing a dependency among the plurality of nodes; and

establishing processing logic in at least one of the plurality of nodes to process data.

18. The media according to claim 17, wherein the data retrieval node comprises an infile node which retrieves data from a particular data file.

19. The media according to claim 17, wherein the data retrieval node comprises a querydump node for retrieving data from a query of a particular database.

20. The media according to claim 1, wherein the data retrieval node comprises a Herefile node for placing data into a graph.

21. The media according to claim 19, wherein the querydump node includes information for identifying the database and query terms for performing a query on the database.

22. The media according to claim 21, wherein the querydump node further includes information for accessing the database.

23. The media according to claim 17, further comprising executing one or more nodes of the graph-space.

24. The media according to claim 17, wherein the method further comprises executing the graph-space of the workspace according to the sequence dependency.

25. The media according to claim 24, wherein the method further comprises color-coding the one or more nodes according to a status of the execution of respective node.

26. The media according to claim 25, wherein the status of the node comprises unprocessed, processing, successfully processed and failed processing.

27. The media according to claim 24, wherein the method further comprises displaying results of the graph-space execution.

28. The media according to claim 17, further comprising creating a composite node for the graph-space, wherein the composite node represents a grouping at least a pair of the plurality of nodes.

29. The media according to claim 17, wherein the method further comprises setting one or more parameters of one or more of the plurality of nodes.

30. The media according to claim 17, wherein the method further comprises setting one or more expressions, statements, and/or operators for one or more nodes.

31. A system for processing data using a graphical user interface of a computer system comprising:

arranging means for arranging a plurality of nodes in a graph-space, wherein each node represents at least one processing step for processing data and wherein at least one of the plurality of nodes comprise at least one data retrieval node for retrieving data for validation;

establishing means for establishing at least one output from substantially all of the plurality of nodes and for establishing at least one input to each of the plurality of nodes, except for the at least one data retrieval node;

configuring means for configuring one or more parameters of each node;

linking means for linking at least one output of each of substantially all of the plurality of nodes with an input of another node, each link representing a data flow;

sequencing means for sequencing execution of one or more nodes; and

setup means for setting up processing logic in at least one node to process data in a predetermined manner.

32. A system for processing data using a graphical user interface of a computer system comprising:

an editor including a graphical user interface;

a graphical workspace for designing a processing graph having a plurality of processing nodes;

an execution file, wherein the execution file results from compiling the processing graph; and

a controller for directing the running of the execution file on one or more computers.

33. The system according to claim 32, wherein the one or more computers comprises a server farm.

34. The system according to claim 33, wherein the server farm includes one or more drones each for operating a process of one or more nodes.

35. An application program having computer instructions for enabling a computer system to perform a method for validating data using a graphical user interface of a computer system, the method comprising:

defining one or more parameters of a graph-space;

arranging a plurality of nodes in a graph-space, wherein each node represents at least one processing step to be performed to validate data and wherein at least one of the plurality of nodes comprise at least one data retrieval node for retrieving data for validation;

establishing at least one output from each of the plurality of nodes;

except for the at least one data retrieval node, establishing at least one input from each of the plurality of nodes;

configuring one or more parameters of each node;

linking at least one output of each of substantially all of the plurality of nodes with an input of another node;

sequencing a dependency among the plurality of nodes; and

establishing processing logic in at least one of the plurality of nodes to process data.